

Self-inflating Reclining-MatClaims

1. Self-inflating reclining-mat or cushion of open-cell foam material airtightly covered on both sides by layers of a fabric, the outer layers being welded at the edges and at least one valve being present for connecting the foam material with the ambient atmosphere, **wherein** at least one layer of a woven or knitted fabric is present on at least one side, and wherein the woven or knitted fabric consists of a hot-pressed yarn coated with a thermoplastic plastic, and the coating of the yarn takes place before weaving.
2. Reclining-mat or cushion according to claim 1, wherein the fabric is calendered.
3. Reclining-mat or cushion according to one of the foregoing claims, wherein the fabric is coated with a foil which has a lower melting point than the thermoplastic plastic and/or the fabric.
4. Reclining-mat or cushion according to claim 3, wherein the fabric is coated with at least two foils with different melting points.
5. Reclining-mat or cushion according to claim 4, wherein the outer foil coating has a lower melting point than an inner foil coating.
6. Reclining-mat or cushion according to one of claims 3-5, wherein the foil coating takes place by thermal laminating.
7. Reclining-mat or cushion according to one of claims 3-5, wherein the foil coating takes place by wide slit nozzle application.
8. Reclining-mat or cushion according to one of the foregoing claims, wherein the thermoplastic plastic and the yarn are flame-resistant.

9. Reclining-mat or cushion according to one of the foregoing claims, wherein applications are applied to the outside of the mat by adhesion or welding.
10. Reclining-mat or cushion according to one of the foregoing claims, wherein two mats are connected by a welded-on profile.
11. Reclining-mat or cushion according to one of the preceding claims, wherein the fabric consists of quartz yarn.
12. Reclining-mat or cushion according to one of claims 1-10, wherein the fabric consists of Aramid fiber.
13. Reclining-mat or cushion according to one of claims 1-10, wherein the fabric consists of modified polyester, such as Vektran.
14. Reclining-mat or cushion according to one of claims 1-10, wherein the fabric consists of high strength yarns which are inherently poor to adhere.